# Product datasheet

Specifications

## Ethernet TCP/IP network module, Modicon M580, dedicated for Global Data service

BMXNGD0100

**EAN Code: 3606480911668**

## Main

| | |
|---|---|
| **Range of product** | Modicon M580 |
| **Product or component type** | Ethernet TCP/IP network module |
| **Integrated connection type** | Ethernet RJ45 10/100 Mbit/s 1 twisted pair |
| **Protective treatment** | TC |

## Complementary

| | |
|---|---|
| **Communication service** | Global Data<br>Modbus TCP messaging<br>Security |
| **Port Ethernet** | 10BASE-T/100BASE-TX |
| **Memory description** | Supplied Flash memory card (BMXRWSC016M) |
| **Supply** | Internal power supply via rack |
| **Marking** | CE |
| **Local signalling** | 1 LED (green) for activity on Ethernet network (ETH ACT)<br>1 LED (green) for processor running (RUN)<br>1 LED (green) for status of Ethernet network (ETH STS)<br>1 LED (red) for data rate (ETH 100)<br>1 LED (red) for memory card fault (CARD ERR)<br>1 LED (red) for processor or system fault (ERR) |
| **Control type** | RESET push-button cold restart |
| **Current consumption** | 90 mA at 24 V DC |
| **Module format** | Standard |
| **Net weight** | 0.2 kg |

## Environment

| | |
|---|---|
| **Ambient air temperature for operation** | 0…60 °C |
| **Relative humidity** | 10…95 % without condensation |
| **IP degree of protection** | IP20 |
| **Directives** | 2014/35/EU - low voltage directive<br>2014/30/EU - electromagnetic compatibility |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 5.5 cm |
| **Package 1 Width** | 11.0 cm |

| | |
|---|---|
| **Package 1 Length** | 12.0 cm |
| **Package 1 Weight** | 236.0 g |
| **Unit Type of Package 2** | S02 |
| **Number of Units in Package 2** | 15 |
| **Package 2 Height** | 15.0 cm |
| **Package 2 Width** | 30.0 cm |
| **Package 2 Length** | 40.0 cm |
| **Package 2 Weight** | 3.9 kg |

## Logistical informations

| | |
|---|---|
| **Country of origin** | FR |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 18 months |

Life Is On | Schneider Electric

# Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

## Environmental footprint

| | |
|---|---|
| Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) | **113** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| **EU RoHS Directive** | **Pro-active compliance (Product out of EU RoHS legal scope)** |
| REACh Regulation | **REACh Declaration** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Circularity Profile | **End of Life Information** |
| Take-back | **No** |
| WEEE | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |